4496

BILL NO. S-79-06-13

SPECIAL ORDINANCE NO. S-100-79

AN ORDINANCE amending certain sections of Chapter 24 "Sewer and Sewerage Systems" so as to adjust rates and other provisions prescribed therein

WHEREAS, it is necessary to adjust the rates charged for use of the Water Pollution Control service owned and operated by the City for the benefit of its inhabitants and of the inhabitants of the surrounding area who take advantage of its existence, and to make it mandatory that all inhabitants make connection for said service where available;

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That Chapter 24 of the Municipal Code of the City of Fort Wayne, Indiana, 1974 is amended to be and read as follows:

Article II. General Provisions

201. Bylaws, Rules and Regulations. The Board of Public Works of the City of Fort Wayne shall, in accordance with the Statutes of Indiana, make and enforce whatever bylaws, rules and regulations it may deem necessary for the safe, economical and efficient management of the City's Sewage Utility, for the construction and use of building sewers and connections to the sewerage system, for the regulation, collection and refunding of the rates and charges for sewerage service and, in general, for the implementation of the provisions of this ordinance.

202. Requirements for Connection to Public Sewers. No owner or occupant of any real property shall tap or drain either directly or indirectly into any public sewer until a sewer tap permit has been obtained and until he has satisfied his obligation to pay all assessments, reimbursements or pro rata shares of sewer extension costs laid against that property for public sewers installed to serve it. A tap permit given in error shall not operate to nullify any such obligation that has been duly recorded.

Tap permits shall be obtained from the City's Permit Office and shall be issued only to licensed sewer tap contractors, who shall pay to the Sewage Utility a fee of thirty-five dollars for each tap permit for a normal six-inch service, a fee of seventy dollars for each tap permit for a special six-inch service and a fee of seventy dollars for each tap permit for a service larger than six inches. After making each sewer tap and building sewer installation, the tap contractor shall notify the Sewer Engineer so that the tap and the building sewer can be inspected and approved before the excavation is backfilled. Any tap or building sewer installation not made in accordance with the foregoing provisions shall be deemed an illegal installation and, upon discovery, shall be promptly disconnected at the expense of the property owner and shall remain disconnected until the provisions of this paragraph 202 have been complied with.

The Board of Public Works shall have the authority to require an owner of real property to disconnect from a building sewer which drains into a sanitary sewer any downspouts, yard drains or other drains which carry the runoff of natural precipitation. Property owners shall have thirty days after notice to comply with any such requirements.

New connections should be made only after there has been adequate assurance by City that the downstream facilities of the sewage works have adequate capacity to handle the new waste loadings.

No persons shall make connections of roof downspouts, exterior foundation drains, or other sources of surface run-off or ground water to a building sewer or building drain which is connected, directly or indirectly, to a sanitary sewer of the City.

Any and all private sewer systems of any kind now existing in or on premises where a public sewer is now or may hereafter become available shall be discontinued, emptied of its contents, cleaned out and be filled with earth or ashes, and the house sewer shall be disconnected from the existing private sewage system and be connected to the public sewer. All such connections to the public sewer shall be made within ninety days of the date the public sewer becomes available.

203. Extensions of Sewers Outside Corporate Limits. The installation, construction or extension of sewers by the City outside the corporate limits of the City and the connection or extension of sewers into the City's sewerage system from, by or for properties located outside such limits shall be prohibited, except upon prior approval by the Common Council of the City by duly enacted ordinance.

204. Connections to Sewerage System by Certain Out-of-City Properties. Notwithstanding the provisions of paragraph 203, the Board of Public Works of the City shall have the authority to permit a property located outside the corporate limits of the City to connect to an existing sewer which is part of the City's sewerage system, provided the property abuts, adjoins and is immediately contiguous to the street, alley or easement in which such sewer is located and provided the property owner or occupant has complied with the conditions set out in paragraph 202.

205. Violations and Penalties. Any person found to be violating or failing to comply with any of the provisions of paragraphs 202, 206, 301, 401 through 405, 501 through 503, 602 or 605 shall be served by the City with a written notice stating the nature of the violation and providing a reasonable time limit for its satisfactory correction. The offender shall, within the period of time stated in the notice, permanently cease all violations.

Any person who shall continue any violation beyond the stated time limit shall be guilty of a misdemeanor and, upon conviction thereof, shall be subject to a fine in any amount not less than $100.00 and not more than $500.00. Each day in which any such violation shall continue shall be deemed a separate offense.

Any person violating any of the provisions of the paragraphs set out above and convicted thereof shall become liable to the City for any expense, loss or damage occasioned the City by reason of such violation.

206. Responsibility For City Property. No unauthorized person, firm, or corporation shall maliciously, willfully, or negligently break, damage, destroy, remove, deface, or tamper with any structure, appurtenance, or equipment which is part of or belonging to the Water Pollution Control Plant. Any person violating this provision shall be subject to immediate arrest under charge of a misdemeanor.

207. Amendment. The City of Fort Wayne reserves the right to amend this chapter of the Municipal Code, including the rates herein established, in part or in whole, as provided and permitted by the Statutes of Indiana, whenever it may deem it necessary.

ARTICLE VII. USER CHARGES

701. User Volume Charges

The water usage schedule upon which charges for services rendered by the Sewer Utility shall be based on water consumption unless otherwise metered or exempted in accordance with the following user classifications and the following charges for services for each such classification:

Service Charge (cents per 100 cu. ft.)

	Class of User	
	Domestic	Manufacturing
Treatment	17.1	17.1
Conveyance, Collection, Billing	16.6	10.8
Capital	10.7	8.1
Total User Charge	44.4	36.0

702. User Minimum Charges

In the event the monthly sewage service charge calculated in accordance with the water consumption schedule exibited above does not exceed the minimum monthly charge for each class of user as set forth hereafter, user shall pay said minimum monthly charge in lieu of the charge calculated based on water usage.

Water Meter Size	Minimum Monthly Charge
5/8 - 3/4"	$ 2.22
1 - 1 1/2"	7.83
2"	15.98
3"	32.10
4"	53.36
6" or larger	148.21

703. User Flat Charges

In the event any user is not a metered water customer, there shall be imposed flat charge rates as follows:

Classification of Customer	Monthly Flat Charge (1)	
	In-City	Out-City
Domestic User - Single Family Residence	$ 4.44	$ 5.33
Domestic User - Multi Family Residence	To be estimated by City	
Commercial and Industrial User	To be estimated by City	

(1) Subject in addition, if applicable, to zone surcharge. Estimates of monthly flat charges for multi-family residences shall be based on the number of family units accomodated by the system multiplied by the single family residence monthly charges. Estimates of monthly flat charges for commercial and industrial establishments shall be either estimated based on number of employees, manufacturing processes used and other pertinent sewer use indicators or based upon outfall measurements where available.

704. Regional Contract Sewage Treatment Charges

In the event the City consummates a contract to serve as a regional treatment plant for any other municipality or private sewage utility, either contiguous to the City or in its environs, said contract shall provide for the following unit charges:

Volume Charge (cents per 100 cu. ft.)

Treatment	17.1
Capital Charge	10.7
	27.8

Variable Charge (cents per 100 cu. ft.)

A variable charge for conveyance and collection costs attributable to that portion of the conveyance system and operating costs associated therewith used by the contract customer shall be computed by the City and added to the volume charge.

Flat Charge

In addition to the foregoing charges based on volume of sewage treated and conveyed each contract customer will pay a monthly billing charge of $.50 and a monthly surveillance charge of $75.00.

Excess Strength of Waste Surcharge

In the event a contract customer contribution waste having a strength in excess of domestic waste characteristics, as hereinbefore defined, a surcharge based on the following unit process charge will be in effect for all waste found to be in excess of limitations:

	Cents Per Pound
Suspended Solids - (SS)	3.587
Biochemical Oxygen Demand -(BOD)	3.582
Phosphorus - (P)	34.324

Capital Surcharge

In the event contract customer delivers sewage for treatment to City for a period of 90 consecutive days which is in excess of base MGD contracted for, then customer will be subject to an additional capital charge computed at the capital charge (per 100 cu. ft.) then in effect times the excess percentage of MGD represented by dividing actual MGD by contracted MGD.

Zone Surcharge

The total of foregoing charges for which any contract customer will be liable to City hereunder may be increased by the zone surcharge rate set forth in Article IX hereafter if said contract customer qualifies by reason of location.

Other Provisions

In the event sewage received pursuant to any contract entered into under this section exceeds any of the limitations imposed by Chapter 24, the City shall have the right to impose all charges, limitations and penalties applicable to any non-contract user served by the City. Each contract entered into by the City pursuant to the foregoing rate classification shall provide that contract customer shall agree to enact and maintain a Sewer Use Ordinance, Industrial Cost Recovery System and User Charge System acceptable to the City and in conformance with the City's obligations under Sec. 204B (1), Public Law 92-500 as amended and supplemented and guidelines and regulations promulgated thereunder by the U.S. Environmental Protection Agency and 40 CFR 35.905-8, 35.928-1 and 35.928-2, and 35.935-13.

705. Bulk Waste Charges

Industrial - For all industrial waste picked up from customer and hauled in City's vehicles to plant - $148.75 per load.

Domestic - For all domestic waste delivered to plant by customer's truck or tank - $21.75 per load. For purposes of computing charges hereunder, a load is defined as 1,000 gallons of tank capacity.

706. Annual Review of Service Charges

Prior to May 1 of each year, the General Auditor of the City Utilities and an independent certified public accountant employed for that purpose will submit to the Board of Public Works a comparison of the calculated unit cost for flow, removal of BOD, suspended solids, and phosphorus from the sewage treatment plant influent during the previous calendar year, with the unit charges currently in effect, in order that the Board may determine whether the current service charges and surcharges are adequate or should be changed. The methodology utilized in developing this cost comparison shall include:

1. A system including the distribution of the cost of operation and maintenance of the treatment works of the WPC Utility to each user class in proportion to such user's contribution to the total waste loading of the treatment works. Factors such as strength, volume, and delivery flow characteristics shall be considered and included as the basis for the user's contribution to insure a proportional distribution of operation and maintenance and replacement costs to each user class.

2. Total annual service charges and surcharges collected from each individual user class shall be deemed sufficient if said charges have generated during the prior operating period sufficient revenue to offset the cost of all treatment works operation and maintenance provided by the Utility, including cost of management, system repair and replacement, debt retirement and other costs incidental to the Utility operation, attributable to such class.

ARTICLE VIII. STRENGTH-OF-WASTES SURCHARGE

801. Liability for Surcharge

Each user discharging wastes into the sewerage system shall be subject to a strength of wastes surcharge, in addition to other sewage service charges imposed by this ordinance, based on the following minimum strength characteristics to the extent that such wastes are in concentrations greater than as follows:

a. Biochemical oxygen demand of 220 milligrams per liter

b. Chemical oxygen demand of 440 milligrams per liter

c. Suspended solids content of 250 milligrams per liter

d. Phosphorus content of 10 milligrams per liter

802. Computation of Surcharge

The surcharge shall be determined as follows:

a. The excess pounds of BOD or COD (whichever results in the higher charge) suspended solids, and phosphorus will each be computed by first multiplying the user's billing sewage volume measured in units of 100 cubic feet for the current billing period by the factor 0.0062321 and then multiplying this product by the difference between (a) the concentrations measured in milligrams per liter of the BOD (or COD), suspended solids, and phosphorus respectively in the user's sewage and (b) the allowed concentrations set out in paragraph 801. The surcharge for each constitutent will then be determined by multiplying the excess pounds of each constituent by the appropriate rate of surcharge set out in paragraph 803. In the event COD measurement is used, as hereinbefore provided, 50% of the excess pounds measured will be used to compute the equivalent BOD charge.

803. Rates of Surcharge

The rate of surcharge for each of the aforementioned constituents shall be as follows:

a.	For biochemical oxygen demand - (BOD)	3.582 cents per pound
b.	For suspended solids (SS)	3.587 cents per pound
c.	For phosphorus (P)	34.324 cents per pound

804. Waste Evaluation Charges

All users discharging wastes into the system requiring continuing surveillance, sampling and waste evaluation shall be subject to a monthly fixed charge to cover the costs of such services in the amount of $75.00 per discharge point.

805. Revision of Rates of Surcharge

Prior to May 1 of each year, the General Auditor of the City Utilities and an independent certified public accountant employed for that purpose shall submit to the Board of Public Works a comparison of the calculated unit costs for removing BOD, suspended solids, and phosphorus from the Sewage Treatment Plant influent during the previous calendar year with the unit charges currently in effect in order that the Board may determine whether the current rates of surcharge are adequate or should be changed and request legislative enactment of said changes by the Common Council.

SECTION 2. That this Ordinance shall be in full force and effect upon passage and approval by the Mayor.

Councilman

APPROVED AS TO FORM & LEGALITY

William N. Salin, City Attorney

Read the first time in full and on motion by Burns, seconded by Talarico, and duly adopted, read the second time by title and referred to the Committee on City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, the _____ day of _____, 19__, at _____ o'clock _____ M., E.S.T.

DATE: 6-12-79

Charles W. Westerman
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Hinga, and duly adopted, placed on its passage.

PASSED (~~LOST~~) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	9	0			
BURNS	X				
HINGA	X				
HUNTER	X				
MOSES	X				
NUCKOLS	X				
SCHMIDT, D.	X				
SCHMIDT, V.	X				
STIER	X				
TALARICO	X				

DATE: 6-26-79

Charles W. Westerman
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (~~APPROPRIATION~~) ORDINANCE (RESOLUTION) No. S-100-79 on the 27th day of June, 1979.

ATTEST: (SEAL)

Charles W. Westerman
CITY CLERK

Winfield C. Moses Jr.
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 27th day of June, 1979, at the hour of 11:30 o'clock A. M., E.S.T.

Charles W. Westerman
CITY CLERK

Approved and signed by me this 5 day of July, 1979 at the hour of 3:30 o'clock P. M., E.S.T.

Robert E. Armstrong
MAYOR

Bill No. S-79-06-13

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance amending certain sections of Chapter 24 "Sewer and Sewerage Systems" so as to adjust rates and other provisions prescribed therein

have had said Ordinance under consideration and beg leave to report back to the Common Council that said Ordinance DO PASS.

PAUL M. BURNS - CHAIRMAN

SAMUEL J. TALARICO - VICE CHAIRMAN

VIVIAN G. SCHMIDT

DONALD J. SCHMIDT

JAMES S. STIER

6-26-79 CONCURRED IN

DATE CHARLES W. WESTERMAN, CITY CLERK

BILL NO.

SPECIAL ORDINANCE NO._____

AN ORDINANCE amending certain sections of Chapter 24 "Sewer and Sewerage Systems" so as to adjust rates and other provisions prescribed therein

WHEREAS, it is necessary to adjust the rates charged for use of the Water Pollution Control service owned and operated by the City for the benefit of its inhabitants and of the inhabitants of the surrounding area who take advantage of its existence, and to make it mandatory that all inhabitants make connection for said service where available;

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(1) Subject in addition, if applicable, to zone surcharge. Estimates of monthly flat charges for multi-family residences shall be based on the number of family units accommodated by the system multiplied by the single family residence monthly charges. Estimates of monthly flat charges for commercial and industrial establishments shall be either estimated based on number of employees, manufacturing processes used and other pertinent sewer use indicators or based upon outfall measurements where available.

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Other Provisions

In the event sewage received pursuant to any contract entered into under this section exceeds any of the limitations imposed by Chapter 24, the City shall have the right to impose all charges, limitations and penalties applicable to any non-contract user served by the City. Each contract entered into by the City pursuant to the foregoing rate classification shall provide that contract customer shall agree to enact and maintain a Sewer Use Ordinance, Industrial Cost Recovery System and User Charge System acceptable to the City and in conformance with the City's obligations under Sec. 204B (1), Public Law 92-500 as amended and supplemented and guidelines and regulations promulgated thereunder by the U.S. Environmental Protection Agency and 40 CFR 35.905-8, 35.928-1 and 35.928-2, and 35.935-13.

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1. A system including the distribution of the cost of operation and maintenance of the treatment works of the WPC Utility to each user class in proportion to such user's contribution to the total waste loading of the treatment works. Factors such as strength, volume, and delivery flow characteristics shall be considered and included as the basis for the user's contribution to insure a proportional distribution of operation and maintenance and replacement costs to each user class.

2. Total annual service charges and surcharges collected from each individual user class shall be deemed sufficient if said charges have generated during the prior operating period sufficient revenue to offset the cost of all treatment works operation and maintenance provided by the Utility, including cost of management, system repair and replacement, debt retirement and other costs incidental to the Utility operation, attributable to such class.

ARTICLE VIII. STRENGTH-OF-WASTES SURCHARGE

801. Liability for Surcharge

Each user discharging wastes into the sewerage system shall be subject to a strength of wastes surcharge, in addition to other sewage service charges imposed by this ordinance, based on the following minimum strength characteristics to the extent that such wastes are in concentrations greater than as follows:

a. Biochemical oxygen demand of 220 milligrams per liter

b. Chemical oxygen demand of 440 milligrams per liter

c. Suspended solids content of 250 milligrams per liter

d. Phosphorus content of 10 milligrams per liter

802. Computation of Surcharge

The surcharge shall be determined as follows:

a. The excess pounds of BOD or COD (whichever results in the higher charge) suspended solids, and phosphorus will each be computed by first multiplying the user's billing sewage volume measured in units of 100 cubic feet for the current billing period by the factor 0.0062321 and then multiplying this product by the difference betwen (a) the concentrations measured in milligrams per liter of the BOD (or COD), suspended solids, and phosphorus respectively in the user's sewage and (b) the allowed concentrations set out in paragraph 801. The surcharge for each constitutent will then be determined by multiplying the excess pounds of each constituent by the appropriate rate of surcharge set out in paragraph 803. In the event COD measurement is used, as hereinbefore provided, 50% of the excess pounds measured will be used to compute the equivalent BOD charge.

803. Rates of Surcharge

The rate of surcharge for each of the aforementioned constituents shall be as follows:

a.	For biochemical oxygen demand - (BOD)	3.582 cents per pound
b.	For suspended solids (SS)	3.587 cents per pound
c.	For phosphorus (P)	34.324 cents per pound

804. Waste Evaluation Charges

All users discharging wastes into the system requiring continuing surveillance, sampling and waste evaluation shall be subject to a monthly fixed charge to cover the costs of such services in the amount of $75.00 per discharge point.

805. Revision of Rates of Surcharge

Prior to May 1 of each year, the General Auditor of the City Utilities and an independent certified public accountant employed for that purpose shall submit to the Board of Public Works a comparison of the calculated unit costs for removing BOD, suspended solids, and phosphorus from the Sewage Treatment Plant influent during the previous calendar year with the unit charges currently in effect in order that the Board may determine whether the current rates of surcharge are adequate or should be changed and request legislative enactment of said changes by the Common Council.

SECTION 2. That this Ordinance shall be in full force and effect upon passage and approval by the Mayor.

67-171-3 H.I 5/31/79

BERNARD T. PERRY
Certified Public Accountant
SUITE 102
1815 NORTH MERIDIAN STREET
INDIANAPOLIS, INDIANA 46202
(317) 924-5543

May 17, 1979

Mr. Henry P. Wehrenberg, Chairman
Board of Public Works
City of Fort Wayne
City-County Building
Fort Wayne, Indiana

In re: Annual Sewer Rate Review
Fort Wayne Municipal Code
Chapter 24, Section 706

Dear Mr. Wehrenberg:

Pursuant to the above-referenced provision of the Fort Wayne Municipal Code, the writer has undertaken a review of the City's sewage service rate schedules taking into account the economic factors used to establish rates pursuant to Special Ordinance No. S-155-78 adopted by the Common Council of the City of Fort Wayne in September 1978. In addition we have been instructed in this review to consider certain rate adjustments to minimum charges; the equity of procedures by which flat charges are promulgated; and ordinance terminology relating to enforcement of sewer usage.

Our efforts in all of the foregoing were supplemented by concurrent budget and cash flow studies conducted by the City Utilities staff and its Superintendent, Mr. Edmund Stanczak.

We have reviewed the revenues and costs of the Water Pollution Control Utility for the years ended December 31, 1978 and 1977 and projections of Staff for the year ended December 31, 1979. We have also considered operating results of the Utility for the three months ended March 31, 1979 and the financial position of the Utility at March 31, 1979.

In support of our examination we have attached certain summary exhibits. In all compilation of costs we have used the same criteria to determine the probity of responsibility for costs between classes of users as used when rates were first established in Chapter 24 of the Fort Wayne Municipal Code in 1975. These data indicate total estimated user revenues and costs for the year ended December 31, 1979 are as follows:

Estimated Revenues	5,950,000
Estimated Costs	5,561,477
Estimated Excess of Costs to Revenues	388,523

Analysis of cash balances at March 31, 1979 is as follows:

Revenue Bond Sinking Fund	1,284,793
Requirement	(1,175,183)
Excess of Minimum	109,610
Operation and Maintenance Fund	921,266
Working Capital (60 days)	664,554
Excess of Minimum	256,712
Depreciation Fund (1)	2,631,148
Requirement	2,631,148
Excess of Minimum	-0-

(1) Net of Construction Account overdraft arising from EPA retention of grant funds.

If the same rate rationale is to be employed as in the 1978 rate adjustment, then you should note that there is $366,322 in excess funds over minimum requirements that could be borrowed to subsidize user charges - or, in effect, return earnings to users.

Distribution of any rate change initiated by the City should, in the opinion of the writer, first provide for all technical rate adjustments and then the application of remaining funds to a general across-the-board decrease. Any other approach to rate reduction would not be considered, in our opinion, as non-discriminatory pursuant to Indiana Code 8-1-2-96.

In order to carry out your stated rate rationale and to make other adjustments heretofore mentioned, the writer would suggest the following program for sewer rates in 1979:

Rate Action	Estimated User Effect	Estimated Annual Cost To Utility
1. Lower minimum for 5/8-3/4" meter to 500 cu. ft. per month.	Reduce average minimum user billings about $.40 per month	$ 105,000
2. Reduce flat charge usage to 1,000 cu. ft. for in-city users and 1,200 cu. ft. for out-city users.	Reduce flat charge user billings about $2.30 per month	33,000

Rate Action	Estimated User Effect	Estimated Annual Cost To Utility
3. Reduce user charges and strength of waste charges by 4% across-the-board	Average domestic user of 1,000 cu. ft. per month will have a bill reduction of about $.18 per month	$ 230,000
4. Add provision to Municipal Code making connection to sewerage system mandatory where such connection is available.	Make conformance to EPA standards mandatory	Not ascertainable
	Total Estimated Revenue Reduction	$ 368.000

In order to implement the foregoing changes to Chapter 24 of the Fort Wayne Municipal Code, if so determined to be the policy of the City, a draft of a proposed ordinance effecting such changes is enclosed.

If you have any questions, please advise.

Very truly yours,

Bernard T. Perry

BTP:em
Enc.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Calculation of Estimated Total Utility Costs
1979

Utility Cost	Source of Data	Amount
Net Operating Costs	Schedule A-1	$ 3,277,828
Debt Service (Local Capital Cost)	Combined amortization schedule for Revenue Bonds of 1959, 1961, 1970 and 1975 (August 1, 1979 principal and interest requirement)	1,068,348
Coverage on Debt Service (10%) (Local Capital Cost)	Indiana Code	106,835
Capital Expenditures	1979 WPC Capital Budget	1,108,466
Estimated Total Utility Costs - 1979		$ 5,561,477

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Analysis of Operation and Maintenance
and Other Costs

	Calendar Year		
	Budget	Actual	
	1979	1978	1977
Operation Expense	2,963,142	2,731,509	2,478,554
Maintenance Expense	620,186	593,565	496,014
Taxes	135,000	125,524	114,424
Total Operating Expenses & Taxes	3,718,328	3,450,598	3,088,992
Contributions in Lieu of Taxes	332,000	331,104	320,982
Less: Other Income and Interest Income	(772,500)	(619,606)	(633,490)
Net Operating Costs	3,277,828	3,162,096	2,776,484

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Balance Sheet
As of March 31, 1979

ASSETS AND OTHER DEBITS

Utility Plant	
Utility Plant in Service	$ 71,255,781
Less Accumulated Depreciation	(10,895,930)
Total Utility Plant	60,359,851
Construction Work in Progress	4,434,248
Net Utility Plant	64,794,099
Sinking Fund	1,284,793
Current and Accrued Assets	
Cash and Temporary Cash Investments	3,552,614
Accounts Receivable	5,639,169
Accumulated Provision for Uncollectible Accounts	(43,770)
Receivables from Associated Companies	23,782
Materials and Supplies	28,434
Prepaid Insurance	17,793
Interest Receivable	22,319
Total Current and Accrued Assets	9,240,341
Deferred Debits	
Miscellaneous Deferred Debits	88,693
TOTAL ASSETS AND OTHER DEBITS	$ 75,407,926

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Balance Sheet
As of March 31, 1979

LIABILITIES AND OTHER CREDITS

Equity of the Municipality and Retained Income	
Equity of Municipality	$ 8,642,700
Retained Income	
Balance Beginning of Year	8,037,543
Net Income (Loss)	69,963
Total Retained Income	8,107,506
Total Equity of the Municipality and Retained Income	16,750,206
Long-Term Debt	
Bonds	11,375,000
Other	89,857
Total Long-Term Debt	11,464,857
Current and Accrued Liabilities	
Current Portion - Long-Term Debt	370,000
Accounts Payable	133,838
Payable to Associated Companies	101,129
Taxes Accrued	41,720
Tax Collections Payable	29,561
Miscellaneous Current and Accrued Liabilities	110,587
Accrued Bond Interest Payable	114,351
Deferred Credits - Federal and State Grants	4,790,059
Operating Reserves - Miscellaneous	30,560
Total Current and Accrued Liabilities	5,721,805
Contributions in Aid of Construction	41,471,058
TOTAL LIABILITIES AND OTHER CREDITS	$ 75,407,926

BERNARD T. PERRY

Certified Public Accountant

1815 NORTH MERIDIAN STREET INDIANAPOLIS, INDIANA

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Annual Sewer Rate Review
May 17, 1979

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

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BERNARD T. PERRY
Certified Public Accountant
SUITE 102
1815 NORTH MERIDIAN STREET
INDIANAPOLIS, INDIANA 46202
(317) 924-5543

May 17, 1979

Mr. Henry P. Wehrenberg, Chairman
Board of Public Works
City of Fort Wayne
City-County Building
Fort Wayne, Indiana

In re: Annual Sewer Rate Review
Fort Wayne Municipal Code
Chapter 24, Section 706

Dear Mr. Wehrenberg:

Pursuant to the above-referenced provision of the Fort Wayne Municipal Code, the writer has undertaken a review of the City's sewage service rate schedules taking into account the economic factors used to establish rates pursuant to Special Ordinance No. S-155-78 adopted by the Common Council of the City of Fort Wayne in September 1978. In addition we have been instructed in this review to consider certain rate adjustments to minimum charges; the equity of procedures by which flat charges are promulgated; and ordinance terminology relating to enforcement of sewer usage.

Our efforts in all of the foregoing were supplemented by concurrent budget and cash flow studies conducted by the City Utilities staff and its Superintendent, Mr. Edmund Stanczak.

We have reviewed the revenues and costs of the Water Pollution Control Utility for the years ended December 31, 1978 and 1977 and projections of Staff for the year ended December 31, 1979. We have also considered operating results of the Utility for the three months ended March 31, 1979 and the financial position of the Utility at March 31, 1979.

In support of our examination we have attached certain summary exhibits. In all compilation of costs we have used the same criteria to determine the probity of responsibility for costs between classes of users as used when rates were first established in Chapter 24 of the Fort Wayne Municipal Code in 1975. These data indicate total estimated user revenues and costs for the year ended December 31, 1979 are as follows:

Estimated Revenues	5,950,000
Estimated Costs	5,561,477
Estimated Excess of Costs to Revenues	388,523

Analysis of cash balances at March 31, 1979 is as follows:

Revenue Bond Sinking Fund	1,284,793
Requirement	(1,175,183)
Excess of Minimum	109,610
Operation and Maintenance Fund	921,266
Working Capital (60 days)	664,554
Excess of Minimum	256,712
Depreciation Fund (1)	2,631,148
Requirement	2,631,148
Excess of Minimum	-0-

(1) Net of Construction Account overdraft arising from EPA retention of grant funds.

If the same rate rationale is to be employed as in the 1978 rate adjustment, then you should note that there is $366,322 in excess funds over minimum requirements that could be borrowed to subsidize user charges - or, in effect, return earnings to users.

Distribution of any rate change initiated by the City should, in the opinion of the writer, first provide for all technical rate adjustments and then the application of remaining funds to a general across-the-board decrease. Any other approach to rate reduction would not be considered, in our opinion, as non-discriminatory pursuant to Indiana Code 8-1-2-96.

In order to carry out your stated rate rationale and to make other adjustments heretofore mentioned, the writer would suggest the following program for sewer rates in 1979:

Rate Action	Estimated User Effect	Estimated Annual Cost To Utility
1. Lower minimum for 5/8-3/4" meter to 500 cu. ft. per month.	Reduce average minimum user billings about $.40 per month	$ 105,000
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Rate Action	Estimated User Effect	Estimated Annual Cost To Utility
3. Reduce user charges and strength of waste charges by 4% across-the-board.	Average domestic user of 1,000 cu. ft. per month will have a bill reduction of about $.18 per month	$ 230,000
4. Add provision to Municipal Code making connection to sewerage system mandatory where such connection is available.	Make conformance to EPA standards mandatory	Not Ascertainable
Total Estimated Revenue Reduction		$ 368,000

In order to implement the foregoing changes to Chapter 24 of the Fort Wayne Municipal Code, if so determined to be the policy of the City, a draft of a proposed ordinance effecting such changes is enclosed.

If you have any questions, please advise.

Very truly yours,

Bernard T. Perry

BTP:jk
Encs.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Calculation of Estimated Total Utility Costs
1979

Utility Cost	Source of Data	Amount
Net Operating Costs	Schedule A-1	$ 3,277,828
Debt Service (Local Capital Cost)	Schedule A-2	1,068,348
Coverage on Debt Service	Bond Ordinance Requirement	106,835
Capital Expenditures	Schedule A-3	1,108,466
Estimated Total Utility Costs		$ 5,561,477

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Analysis of Operation and Maintenance
and Other Costs

	Calendar Year		
	Budget	Actual	
	1979	1978	1977
Operation Expense	2,963,142	2,731,509	2,478,554
Maintenance Expense	620,186	593,565	496,014
Taxes	135,000	125,524	114,424
Total Operating Expenses and Taxes	3,718,328	3,450,598	3,088,992
Contributions in Lieu of Taxes	332,000	331,104	320,982
Less: Other Income and Interest Income	(772,500)	(619,606)	(633,490)
Net Operating Costs	3,277,828	3,162,096	2,776,484

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Combined Amortization Schedule of Revenue Bonds of
1959, 1961, 1970 and 1975

Date	Total Bonds Outstanding	Bonds of 1975	Bonds of 1959, 1961, 1970	Total Annual Requirement
8-1-79	$ 11,745,000	$ 568,100	$ 500,248	$ 1,068,348
8-1-80	11,375,000	567,950	494,218	1,062,168
8-1-81	10,990,000	557,100	507,836	1,064,936
8-1-82	10,580,000	566,250	500,488	1,066,738
8-1-83	10,145,000	569,000	497,992	1,066,992
8-1-84	9,685,000	560,700	504,980	1,065,680
8-1-85	9,200,000	557,050	510,942	1,067,992
8-1-86	8,685,000	552,700	515,628	1,068,328
8-1-87	8,140,000	542,650	524,254	1,066,904
8-1-88	7,565,000	547,250	521,362	1,068,612
8-1-89	6,955,000	555,450	512,588	1,068,038
8-1-90	6,310,000	588,225	483,650	1,071,875
8-1-91	5,625,000	647,750	429,426	1,077,176
8-1-92	4,895,000	547,075	530,688	1,077,763
8-1-93	3,940,000	681,275	401,962	1,083,237
8-1-94	3,295,000	825,400	256,850	1,082,250
8-1-95	2,420,000	843,150	246,100	1,089,250
8-1-96	1,480,000	825,580	-	825,580
8-1-97	740,000	777,000	-	777,000
		$ 11,879,655	$ 7,939,212	$ 19,818,867

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Estimated Capital Expenditures
1979

Main Extensions and Replacements	$ 222,298	
Plant Improvements and Replacements	176,150	
Engineering Costs	530,018	(1)
Other Plant Expenditures	180,000	(1)(2)
Total Estimated Capital Expenditures	$ 1,108,466	

Footnote (1) Net of anticipated state and federal grant funds.

(2) Eligible for reimbursement from grant funds in the event funds heretofore withheld are released during 1979.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Balance Sheet
As of March 31, 1979

ASSETS AND OTHER DEBITS

Utility Plant	
Utility Plant in Service	$ 71,255,781
Less Accumulated Depreciation	(10,895,930)
Total Utility Plant	60,359,851
Construction Work in Progress	4,434,248
Net Utility Plant	64,794,099
Sinking Fund	1,284,793
Current and Accrued Assets	
Cash and Temporary Cash Investments	3,552,614
Accounts Receivable	5,639,169
Accumulated Provision for Uncollectible Accounts	(43,770)
Receivables from Associated Companies	23,782
Materials and Supplies	28,434
Prepaid Insurance	17,793
Interest Receivable	22,319
Total Current and Accrued Assets	9,240,341
Deferred Debits	
Miscellaneous Deferred Debits	88,693
TOTAL ASSETS AND OTHER DEBITS	$ 75,407,926

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Balance Sheet
As of March 31, 1979

LIABILITIES AND OTHER CREDITS

Equity of the Municipality and Retained Income	
Equity of Municipality	$ 8,642,700
Retained Income	
Balance Beginning of Year	8,037,543
Net Income (Loss)	69,963
Total Retained Income	8,107,506
Total Equity of the Municipality and Retained Income	16,750,206
Long-Term Debt	
Bonds	11,375,000
Other	89,857
Total Long-Term Debt	11,464,857
Current and Accrued Liabilities	
Current Portion - Long-Term Debt	370,000
Accounts Payable	133,838
Payable to Associated Companies	101,129
Taxes Accrued	41,720
Tax Collections Payable	29,561
Miscellaneous Current and Accrued Liabilities	110,587
Accrued Bond Interest Payable	114,351
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Total Current and Accrued Liabilities	5,721,805
Contributions in Aid of Construction	41,471,058
TOTAL LIABILITIES AND OTHER CREDITS	$ 75,407,926

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Detail of Cash and Investment Accounts
March 31, 1979

A.	Sinking Fund	
	Cash	$ 84,793
	Investment	1,200,000
	Total Sinking Fund	$ 1,284,793
B.	Other Funds	
	Operation and Maintenance	
	Cash	$ (28,734)
	Investment	950,000
		921,266
	Depreciation Fund	
	Cash	840,804
	Investment	2,650,000
		3,490,804
	Construction Account	
	Cash	(859,656)
	Petty Cash	200
	Total Other Funds	$ 3,552,614

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Schedule of Present and Proposed Rates

	Present	Proposed
A. Service Charge (cents per 100 cu. ft.)		
Domestic Users		
Treatment	17.8	17.1
Conveyance, Collection, Billing	17.3	16.6
Capital Charge	11.1	10.7
	46.2	44.4
Manufacturing Users		
Treatment	17.8	17.1
Conveyance, Collection, Billing	11.3	10.8
Capital	8.4	8.1
	37.5	36.0
B. User Minimum Charges (Monthly Charge)		
Water Meter Size		
5/8" - 3/4"	$ 2.72	$ 2.22
1" - 1 1/2"	8.16	7.83
2"	16.65	15.98
3"	33.44	32.10
4"	55.58	53.36
6" or larger	154.39	148.21
C. User Flat Charges (Monthly Charge)		
Domestic User - Single Family Residence - In-City	$ 6.70	$ 4.44
- Out-City (1)	9.43	7.25
(1) Includes Zone Surcharge		
D. Regional Contract Charges (cents per 100 cu. ft.)		
Treatment	17.8	17.1
Capital Charge	11.1	10.7
	28.9	27.8

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Schedule of Present and Proposed Rates

	Present	Proposed
E. Excess Strength of Waste Surcharge (cents per pound)		
Suspended Solids	3.731	3.587
Biochemical Oxygen Demand	3.736	3.582
Phosphorus	35.754	34.324
F. Bulk Waste Charges (dollars per load)		
Industrial - picked up by WPC	$ 148.75	$ 148.75
Domestic - delivered by customer	21.75	21.75

4196

TITLE OF ORDINANCE SPECIAL ORDINANCE - AMENDING CHAPTER 24 ON SEWER & SEWERAGE SYSTEMS

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS A-79-06-13.

SYNOPSIS OF ORDINANCE AN ORDINANCE AMENDING CERTAIN SECTIONS OF CHAPTER 24 "SEWER & SEWERAGE SYSTEMS" SO AS TO ADJUST RATES AND OTHER PROVISIONS PRESCRIBED THEREIN.

(SEE ATTACHED - WHICH INCLUDES THE FOLLOWING:

1. LOWER MINIMUM FOR 5/8 - 3/4" METER TO 500 CU. FT. PER MO.
2. REDUCE FLAT CHARGE USAGE TO 1,000 CU. FT. FOR IN-CITY USERS AND 1200 CU. FT. FOR OUT - CITY USERS.
3. REDUCE USER CHARGES AND STRENGTH OF WASTE CHARGES BY 4% ACROSS THE BOARD)

EFFECT OF PASSAGE LOWERING SEWER RATES FOR CUSTOMERS

EFFECT OF NON-PASSAGE NOT LOWERING SEWER RATES FOR CUSTOMERS

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) ESTIMATED REVENUE REDUCTION OF $368,000.

ASSIGNED TO COMMITTEE

EP